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REMARKS

Claim 1 has been amended to positively recite the result of the method, which is that the distance between minima found by the method correspond to the size of the object being measured. Support for this amendment is found, for example, in lines 9-15 on page 14 of the application (". . .*in any case a one-to-one correspondence exists between the actual object size and the spacing between the two minima, that is, different actual object sizes correspond with different spacing between the minima*"). Measurement of an object is clearly a tangible and concrete result. No other changes to the claims have been made.

Page 8 of the specification has been amended to delete the previous additions, and in particular the newly added formulas. The additions were for the purpose of responding to a requirement in the Official Action that the relationship between W_{strip} and the integral-sinus functions be spelled-out. However, the Examiner has indicated that this material is not needed. The sentence bridging pages 7 and 8 of the specification already points out that W_{strip} is the width of the wire, which is all that is needed to satisfy 35 USC §112, 1st Paragraph. No other changes to the specification have been made.

These changes are responsive to a telephone interview with Examiner Ton on August 9, 2006. If any further changes are required, the Examiner is invited to contact the undersigned at any time to discuss the changes.

Respectfully submitted,

BACON & THOMAS, PLLC

Date: August 10, 2006

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